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St. Louis County (HW)
McDonnell Douglas Corp.
(Tract I)

MO 00-018963

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Mel Carnahan, Governor • David A. Shorr, Director

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office

10805 Sunset Office Drive, Suite 100 St. Louis, MO 63127-1017

(314)822-0101

FAX (314)822-0943

April 25, 1994

Mr. Joseph Haake, Group Manager
Environmental and Hazardous Materials Services
McDonnell Douglas Corporation
Mail Code J1111041
P.O. Box 516
St. Louis, MO 63166

Dear Mr. Haake:

L.O.W. #94-SL.028

Enclosed is a report of an inspection conducted by Mr. Joe Trunko of my staff. The section titled "UNSATISFACTORY FEATURES" lists violations noted during the inspection and outlines steps the inspector has determined will correct those violations.

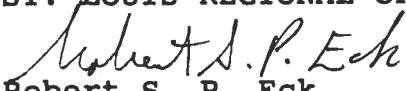
We have received your company's April 14, 1994, response to Notice of Violation (NOV) #3331. This NOV was issued as a result of violations noted during the inspection. A review of the company's response indicates that the proper actions have been taken to correct Unsatisfactory Features #1, 2, 3, 5, and 6 (as notated in the report).

In your response to Unsatisfactory Feature #4, ensure that an application for Resource Recovery Certification for the waste oil filtration unit is submitted to the Hazardous Waste Program by May 10, 1994. A copy of the application should also be sent to the attention of Mr. Joe Trunko of this office.

Your cooperation in this matter is appreciated. Should you have any questions, please call Mr. Joe Trunko at (314) 822-0101.

Sincerely,

ST. LOUIS REGIONAL OFFICE


Robert S. P. Eck
Regional Director

RSPE/JLT/lv

Enclosures

c: HWP

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MAY 11 1994

HAZARDOUS WASTE PROGRAM
MISSOURI DEPARTMENT OF
NATURAL RESOURCES



R00148140

RCRA RECORDS CENTER

RESOURCE CONSERVATION AND RECOVERY ACT
AND
MISSOURI HAZARDOUS WASTE MANAGEMENT LAW
COMPLIANCE EVALUATION INSPECTION REPORT

FACILITY

McDonnell Douglas Corporation
Tract I
P.O. Box 516
St. Louis, MO 63166
(314) 232-3319

EPA ID #: MOD000818963
MO Generator ID #: 001001
Permit #: OSO 062284 002
Resource Recovery #: 0268-A
MO Transporter ID #: H-1039

PARTICIPANTS

Missouri Department of Natural
Resources (MDNR)

Joseph L. Trunko
Julie Watral
Vicki Smith
Environmental Specialists

McDonnell Douglas Corporation

Joseph Haake, Group Manager
Environmental & Hazardous
Materials Services

Charlie Kutterer
Environmental & Hazardous
Materials Services

INTRODUCTION

On March 22 and 23, 1994, an inspection was conducted at McDonnell Douglas Corporation-Tract I (MDCDC) located in St. Louis County. The inspection was conducted under the authority of the Resource Conservation and Recovery Act (RCRA) of 1976 and Sections 260.375(9) and 260.377 of the Missouri Hazardous Waste Management Law (1977) as amended. The inspection was confined to facets of the facility operation related to hazardous waste management.

An inspection was conducted at MDCDC on June 10 and 11, 1993. Overall operations and waste handling practices at the facility have not been significantly changed since that inspection.

Storage Permit #OSO 062284 002, issued to MDCDC on March 22, 1984, expires on June 22, 1994. A renewal application has been submitted to the Department.

FACILITY DESCRIPTION

MDCDC is a manufacturer of military aircraft. Operations at the facility include chemical processing (conversion coating, etching, pickling, and electroplating) machining of parts, composite manufacturing, parts degreasing and painting, aircraft

assembly and painting, aircraft testing (flight ramps), industrial wastewater pretreatment, and a boiler house.

MCDC operates 5 days per week, 24 hours per day, 3 shifts per day. The largest shift (shift 1) consists of approximately 6,733 employees. A site map of the facility is attached.

MCDC is a large quantity generator of hazardous waste. Numerous waste streams are generated. However, the largest waste streams include emulsified cutting oil, paint solids, solvent and paint waste, wastewater treatment sludge and acid, and caustic waste.

MCDC is permitted to store hazardous waste for greater than 90 days. Waste generated from on site as well as waste from off-site facilities is stored. Only waste from MCDC facilities is accepted from off site. Hazardous waste is transported to Tract I by MCDC (Missouri Transporter ID #H-1039). A Generator's Hazardous Waste Summary Report and Facility Quarterly Summary Report for the quarter ending December 31, 1993, are attached.

MCDC stores on-site generated waste (drum related) at three less-than-90-day storage areas. These areas are located on the east side of Building 2, at Building 48, and at Building 51. Waste solvents, paints, and oils are accumulated in drums at numerous satellite locations (mainly in Buildings 27, 29A, 220, 2, 42, and 48). When full, these containers are transferred to one of the less-than-90-day storage areas or directly to the permitted storage area. Waste oils generated in the general flight ramp area are stored at a separate storage shed located north of Building 40.

Paint solids are accumulated in red, two cubic yard dumpsters, located throughout the facility (mainly in Buildings 27, 220, 29, 2, 45, and 48). When full, these dumpsters are emptied into two rolloff dumpsters/compactors located at the north side of Building 27 and the north side of Building 48 respectively. These dumpsters are transported by Peoria Disposal Company to an off-site hazardous waste facility approximately once every two weeks.

Rags that are used to wipe-up solvents and paint are placed in 5-, 10-, 15-, and 30-gallon red trash cans located at the immediate work areas. At the end of each day, these cans are emptied into the nearest two-yard dumpster.

Wastewater pretreatment sludge (F006/F019) is accumulated in a 15 cubic yard rolloff container that is located underneath the centrifuge in Building 14. This waste is shipped directly off site by Heritage Transport, Inc.

MCDC currently stores hazardous waste for greater than 90 days in the following unit:

Building 27 Scrap Dock Container Storage Area - Containers from off site and from the on-site, less-than-90-day storage areas are stored at this area. Acids, alkalis, oils, solvents, and paint sludges are stored in Area 1. Cyanides and sulfides are stored in Area 2. Area 2 was replaced by a prefabricated storage building in 1989.

MCDC has submitted modifications requesting the removal of the storage tanks from the permit. A detailed description of these tanks was included in the previous inspection report (dated June 30, 1993). The current status of these tanks is as follows:

Building 14 Sludge Holding Tank - MCDC submitted a request to remove this tank from permit status based on the wastewater treatment exemption. The tank must still be closed in accordance with the closure plan. Soil samples are scheduled to be collected from underneath the tank.

Building 52 Caustic Tanks (H19, H20) - A sampling plan for closure of the containment area was submitted to the Department on July 28, 1993. MCDC has completed the sampling and is currently reviewing the sample results in order to determine if remedial action will be required.

Building 52 Acid Tanks (H12-H16) - Same as the Building 52 Caustic Tanks.

Hush House Waste Tank - Groundwater remediation is ongoing. Closure will not be certified until the cleanup levels specified by the Department (letter dated May 27, 1993) are achieved. Waste jet fuel generated in this area is currently being run through an oil water separator.

Fuel Pit #3 and #4 Waste Tanks - Same as the Hush House Waste Tank.

Building 28 Waste Tank - A sampling plan for closure of the tank was submitted to the Department on July 28, 1993. Sampling has been completed and has shown no contamination. A request for closure certification will be submitted to the Department.

Ramp Station 1 and 2 Waste Tank - Tank has been removed. Groundwater remediation is ongoing. Waste jet fuel generated in this area is currently being run through an oil water separator.

Building 10 Explosives Storage Building - A sampling plan for closure of the building was submitted to the Department on July 28, 1993. Sampling has been completed and has shown no contamination. A request for closure certification will be submitted to the Department.

The following units have been certified closed and are no longer part of the permit:

Building 52 Acid Tanks (H1-H6)

Building 6 Waste Oil Tank

F-18 Silencer Waste Tank

Building 27 Scrap Dock Container Storage Area 2 (original area 2)

Waste jet fuel that is generated at this facility is burned as a fuel in the facility's boilers. As a result, the jet fuel is not considered a solid waste.

MCDC has a Resource Recovery Certification (expires August 20, 1994) for the following operations:

Distillation of spent Methyl Ethyl Ketone and Methyl Isobutyl Ketone. Stills are located at the paint areas in Buildings 27 (currently inactive) and 48, respectively. Still bottoms are collected in 55-gallon drums and are disposed of as hazardous waste.

The recovery of perchloroethylene by steam stripping carbon adsorption beds. This process is located in Building 51. Prior to chemical milling, a maskant coating that contains perchloroethylene is applied to metal parts. As the parts dry, the perchloroethylene evaporates, is collected, and is run through a carbon adsorption unit. The perchloroethylene is stripped from the carbon beds with steam and is collected for reuse as an ingredient in new maskant production.

An operating record for the perchloroethylene recovery is attached.

Solid waste generated at the facility is hauled by MCDC to the Westlake Sanitary Landfill or the Browning Ferris Industries MOPASS Sanitary Landfill. Burnable solid waste is collected in brown, 2 cubic yard dumpsters and is burned in a permitted incinerator located at the MCDC Tract II facility.

MCDC has a NPDES Permit (MO-0004782) from the MDNR for the discharge of storm water and noncontact cooling water.

MCDC has been proactive in reducing the quantity of hazardous generated at this facility. Current waste minimization efforts include the following:

The replacement of solvent vapor degreasers (Buildings 29 and 27) with aqueous degreasers.

The use of a citrus based solvent (DS 108).

The recycling of empty metal paint cans.

The ultrafiltration of waste oils to remove the water content (proposed).

The replacement of the centrifuge with a filter press (proposed).

The on-site neutralization of corrosives (proposed).

UNSATISFACTORY FEATURES

1. Storage of hazardous waste for greater than 90 days, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a). The rolloff dumpster used to store the wastewater pretreatment sludge (F006/F019) at Building 14 was dated November 24, 1993. In addition, the 1000-gallon portable tank of Ferric Chloride waste being stored next to Building 52 was dated November 1, 1993. Large quantity generators may not store hazardous waste on site for greater than 90 days without a storage permit from the Department. MCDC is not permitted to store these wastes in the containers or at the locations noted above for greater than 90 days. MCDC must dispose of these wastes at a permitted hazardous waste facility. Documentation (copies of manifests) and/or written certification that this has been done must be submitted to the Department.
2. Open container of waste oil, in violation of 10 CSR 25-11.010(3)(C). A 55-gallon drum of waste oil with a open funnel inserted in the bung was observed in Building 42. All containers of waste oil that are 5 gallons or larger in size must be closed (or equipped with devices satisfying the requirement) except during those times when waste oil is being added to or removed from the containers.
3. Satellite containers of hazardous waste not marked and dated, in violation of 10 CSR 25-5.262(2)(C)3. MCDC accumulates waste rags and other solids in numerous 5-, 10-, 15-, and 30-gallon containers located throughout the facility. These containers are considered to be satellite accumulation containers (see attached letter dated November 10, 1993) and must be marked with the words "HAZARDOUS WASTE," or with other words that identify the contents of the containers, as well as with the beginning date of satellite storage.

The two cubic yard dumpsters that the small containers are emptied into are considered to be less-than-90-day storage areas and must be marked with all the information specified in 40 CFR 262.32. MCDC had begun to try to mark all these dumpsters. Efforts must continue to ensure that these containers are properly marked.

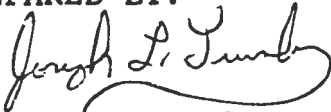
4. The reclamation of waste oil on site without a Resource Recovery Certification, in violation of 10 CSR 25-9.020(1)(A)3. MCDC currently operates a mobile oil filtration/distillation unit in Building 29. The unit recycles oil that collects in the leak collection sumps associated with the hydraulic presses. After a review of the information about this unit that was submitted to the inspector on July 29, 1993, it was determined that this operation required a Resource Recovery Certification from the Department. MCDC has failed to modify RR0268-A to include this operation. RR0268-A expires on August 20, 1994. A modification request to add the oil filtration operation to the current certification must be submitted with the renewal application.
5. Facility Summary Reports not submitted, in violation of 10 CSR 25-9.020(3)(E)6 referencing 10 CSR 25-7.264(2)(E)3. MCDC currently submits Facility Summary Reports with relation to the facility's permitted storage activity. These reports have not included information pertaining to the facility's resource recovery activities (RR0268-A). MCDC must include this information on the Facility Summary Reports.
6. Failure to operate the facility in accordance with the terms and conditions of the permit, in violation of the Missouri Hazardous Waste Management Law Section 260.390(2). MCDC is permitted to store a maximum of 112 drums of corrosive waste and 224 drums of oil, solvent and paint related waste for greater than 90 days at the Building 27 Scrap Dock Container Storage Area. At the time of the inspection, 244 drums of oil, solvent, and paint related waste was being stored in the area. MCDC must remove the excess waste from this area and dispose of it at an off-site hazardous waste facility. Documentation (copies of manifests) and/or written certification that this has been done must be submitted to the Department.

MCDC has requested to increase the quantity of drums that may be stored in the Building 27 Scrap Dock Container Storage Area in the permit renewal application (168 drums of corrosive waste/280 drums of oil, solvent and paint related waste). As per Mr. Haake, the existing containment system

McDonnell Douglas-T 1st I (HW)
April 25, 1994
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for this area has the capacity to store greater than 10% of
the proposed quantity.

PREPARED BY:



Joseph L. Trunko
Environmental Specialist II

JLT/lv

Attachments

APPROVED BY:



Mike Struckhoff
Unit Chief, Hazardous Waste



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
LARGE QUANTITY GENERATOR
INSPECTION RECORD AND CHECKLIST



FOR FACILITIES THAT GENERATE/ACCUMULATE > 1000 Kg (2,200 lbs. or approximately, 5 drums)

NAME McDonnell Douglas Corporation - Tract I		DATE 3/22 & 3/23, 1991	EPA ID NUMBER MOD000818963
ADDRESS P.O. Box 516, mail code 111 1041		RR NO. 0268-A	MO I.D. NUMBER 001001
CITY St. Louis	NUMBER OF EMPLOYEES 6,733 (shift I)	YEARS AT SITE	TELEPHONE NUMBER (314) 232-3319

FACILITY REPRESENTATIVE(S), TITLE(S)

Joe Haake, Group Manager - Environmental & Hazardous Materials Services

DESCRIPTION OF THE FACILITY'S OPERATIONS AND PLANT.

Included in Inspection Report

WASTE STREAMS

DESCRIBE EACH WASTE STREAM GENERATED INCLUDING THE PRODUCTION PROCESS	GENERATION RATE	EPA ID NUMBER	DISPOSITION
1. Numerous waste streams			
2. (Oils, solvents, paint-related material, corrosives)			
3. ↑ wastewater pretreatment sludge (F006, F019) are largest waste streams			
4.			
5.			

CHECK ALL THAT APPLY (Specify if possible)

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> NPDES Permit | <input type="checkbox"/> Lead/Acid Batteries | <input type="checkbox"/> POTW |
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> H.W. Burner/Blender/Marketer | <input type="checkbox"/> Solid Waste Landfill |
| <input checked="" type="checkbox"/> Air Permit | <input type="checkbox"/> Precious Metal Reclamation | <input checked="" type="checkbox"/> Waste Water Pretreatment |

A. GENERAL

1. <input checked="" type="checkbox"/> Registered as a HW Generator - Section 260.380.1 (1) RSMo and 10 CSR 25-5.262 (2)(A)	GGR	COMMENTS
2. <input checked="" type="checkbox"/> Facility determines if waste is hazardous - 10 CSR 25-5.262(1) incorporating 40 CFR 262.11	GGR	
3. <input checked="" type="checkbox"/> Utilizes a licensed hazardous waste transporter - Section 260.380.1 (5) RSMo	GGR	
4. <input checked="" type="checkbox"/> Utilizes authorized HW TSD or RR facility - Section 260.380.1(7) RSMo	GGR	
5. <input checked="" type="checkbox"/> Facility does not operate as a TSD - Section 260.390(1) RSMo	GGR	

PART 1: WALK-THROUGH INSPECTION**B. PRETRANSPORT, CONTAINERIZATION & STORAGE**

1. <input type="checkbox"/> Storage does not exceed 90 days or 180/270 days if facility generates < 1000 Kg/month - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)	GPT	COMMENTS
2. <input checked="" type="checkbox"/> Containers in good condition - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.171	GPT	
3. <input checked="" type="checkbox"/> Waste compatible with container - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.172	GPT	
4. <input checked="" type="checkbox"/> Containers closed in storage - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.173(a)	GPT	
5. <input checked="" type="checkbox"/> Containers storing incompatible waste separated or protected from each other by a dike, berm or wall - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.177(c)	GPT	
6. <input checked="" type="checkbox"/> Container storage areas have a containment system if holding more than 1000 Kg of liquid hazardous waste - 10 CSR 25-5.262 (2)(C)2.B.(I)	GOR	
7. <input checked="" type="checkbox"/> Base of containment system is impervious and free of cracks or gaps - 10 CSR 25-5.262 (2)(C)2.B.(III)(a).	GOR	
8. <input checked="" type="checkbox"/> Containers protected from contact with accumulated liquids - 10 CSR 25-5.262(2)(C)2.B.(III)(b).	GOR	
9. <input checked="" type="checkbox"/> Capacity of containment system = 10% of waste volume or volume of largest container, whichever is greater - 10 CSR 25-5.262(2)(C)2.B.(III)(c).	GOR	
10. <input checked="" type="checkbox"/> Run-on onto the containment system is prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.B.(III)(d).	GOR	
11. <input checked="" type="checkbox"/> Accumulated liquids removed to prevent overflow of containment - 10 CSR 25-5.262(2)(C)2.B.(III)(e).	GOR	
12. <input checked="" type="checkbox"/> Containers of ignitable or reactive waste stored >50 ft. from property line (or meet requirements) - 10 CSR 25-5.262(2)(C)5. referencing 40 CFR 265.176 as amended by 10 CSR 25-7.265(2)(I)7. and 8.	GPT	
13. <input checked="" type="checkbox"/> Containers clearly marked "hazardous waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3)	GPT	
14. <input checked="" type="checkbox"/> Waste packaged/labeled/marked per DOT during entire on-site storage period - 10 CSR 25-5.262(2)(C)1.	GOR	
15. <input checked="" type="checkbox"/> Date of accumulation marked on containers - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(2)	GPT	
16. <input checked="" type="checkbox"/> Facility inspected and maintained (weekly) - 10 CSR 25-5.262(2)(C)2.A.(I) and (II) referencing 40 CFR 265.174	GPT	
17. <input checked="" type="checkbox"/> Daily inspection of areas subject to spills, i.e., waste handling areas - 10 CSR 25-5.262(2)(C)2.A.(II)	GOR	
18. <input checked="" type="checkbox"/> Adequate aisle space is available - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.35	GPT	
19. <input checked="" type="checkbox"/> Placards available for transporter - 10 CSR 25-5.262(1) incorporating 40 CFR 262.33	GPT	
20. <input checked="" type="checkbox"/> "No Smoking" signs conspicuously placed by ignitable or reactive wastes - 10 CSR 25-5.262(2)(C)2.D(II)	GOR	
21. <input type="checkbox"/> Waste oil containers in good condition, labeled and <u>closed</u> - 10 CSR 25-11.010(3)(C)	GOR	

C. SATELLITE ACCUMULATION

1. <input checked="" type="checkbox"/> Containers kept closed - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.173(a)	GPT	COMMENTS
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2. <input checked="" type="checkbox"/> Containers in good condition - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.171	GPT	COMMENTS
3. <input checked="" type="checkbox"/> Waste compatible with container - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.172	GPT	
4. <input checked="" type="checkbox"/> Quantities accumulated not exceeding 55 gal. (1 quart of acutely-hazardous wastes) - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)	GPT	
5. <input checked="" type="checkbox"/> Satellite containers go to storage within 3 days of filling - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(2).	GPT	
6. <input type="checkbox"/> Container marked identifying contents & beginning date - 10 CSR 25-5.262(2)(C)3.	GOR	
7. <input checked="" type="checkbox"/> Stored in satellite areas less than 1 year - 10 CSR 25-5.262(2)(C)3.	GOR	

D. PREPAREDNESS AND PREVENTION AND EMERGENCY PROCEDURES

1. <input checked="" type="checkbox"/> Facility operated and maintained to minimize the possibility of an emergency - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.31	GPT	COMMENTS
2. <input checked="" type="checkbox"/> Adequate and proper spill control, decontamination and safety equipment available (fire blankets, respirators, SCBA, absorbents, etc.) - 10 CSR 25-5.262 (2)(C)2.E.	GPT	
3. <input checked="" type="checkbox"/> Adequate water supply and fire control equipment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.32(c) & (d)	GPT	
4. <input checked="" type="checkbox"/> Device in the hazardous waste operation area capable of summoning emergency assistance - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.34(a)	GPT	
5. <input checked="" type="checkbox"/> Telephone or two-way radio on-site and capable of summoning local fire or police department - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.32(b)	GPT	
6. <input checked="" type="checkbox"/> Communication and emergency equipment tested and maintained - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.33	GPT	

E. LOG TANKS

TANK DESIGNATION	CONTENTS	CAPACITY	CONTAINMENT	AGE
1.				
2.	Modification has been submitted to remove currently permitted tanks			
3.	from storage permit → Hazardous waste is currently not being stored			
4.	in the existing tanks.			
5.				

1. <input checked="" type="checkbox"/> Spill prevention controls in place and operating e.g. check valves, dry discount couplings - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.194(b)(1)	GPT	COMMENTS
2. <input checked="" type="checkbox"/> Overfill prevention controls in place and operating e.g. high level alarms, automatic feed cutoff, etc. - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.194(b)(2)	GPT	
3. <input checked="" type="checkbox"/> Sufficient freeboard in uncovered tanks to prevent overtopping - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.194(b)(3)	GPT	
4. <input checked="" type="checkbox"/> Waste or treatment method compatible with tank - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.194(a)	GPT	
5. <input checked="" type="checkbox"/> Incompatible wastes not placed in same tank - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.199(a)	GPT	
6. <input checked="" type="checkbox"/> Ignitable or reactive wastes rendered safe/protected from sources of ignition or reaction - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.198(a)(1) and (2)	GPT	
7. <input checked="" type="checkbox"/> Ignitable or reactive wastes treated/stored in accordance with NFPA's buffer zone requirements - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.198(b)	GPT	

		COMMENTS
8. <input checked="" type="checkbox"/> Volatiles with vapor pressure > 78 mm @ 25° C not placed in open tanks - 10 CSR 25-5.262(2)(C)2.D.(I)	GOR	
9. <input checked="" type="checkbox"/> Wastes and residues removed as hazardous waste and tank and equipment decontaminated upon closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.197(a)	GPT	
10. <input checked="" type="checkbox"/> Secondary containment system provided for tanks and equipment; installed after July 14, 1986; storing dioxin waste; over 15 years old; of unknown age in facility over 15 years old; repaired, replaced or reinstalled after July 14, 1986 - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(a)	GPT	
11. <input checked="" type="checkbox"/> Secondary containment system constructed of or lined with impervious waste compatible material - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(1)	GPT	
12. <input checked="" type="checkbox"/> Containment system supported by base capable of preventing failure due to settlement, compression or uplift - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(2)	GPT	
13. <input checked="" type="checkbox"/> Containment system provided with a leak detection system capable of detecting a release within 24 hours - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(3)	GPT	
14. <input checked="" type="checkbox"/> Containment system sloped or designed to drain and remove liquids - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(b)	GOR	
15. <input checked="" type="checkbox"/> Containment system capable of containing 100% of the capacity of the largest tank - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(c)	GOR	
16. <input checked="" type="checkbox"/> Containment system free of cracks or gaps - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(a)	GOR	
17. <input checked="" type="checkbox"/> Run-on onto containment system prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(d)	GOR	
18. <input checked="" type="checkbox"/> Spilled or leaked waste and precipitation removed from secondary containment within 24 hours or as soon as possible - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(4)	GPT	
19. <input checked="" type="checkbox"/> Tanks are clearly labeled or marked "Hazardous Waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3)	GPT	
20. <input checked="" type="checkbox"/> Daily inspections of overfill/spill control equipment, aboveground portions of tank system, secondary containment, and data gathered from monitoring equipment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(a)	GPT	
21. <input checked="" type="checkbox"/> Inspection log maintained - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(c)	GPT	
22. <input checked="" type="checkbox"/> Cathodic protection systems inspected annually, impressed current sources every two months - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(b)	GPT	
23. <input checked="" type="checkbox"/> Detailed written assessment by an independent, qualified, professional engineer for tanks installed after July 14, 1986, prepared and on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.192	GPT	
24. <input checked="" type="checkbox"/> Written assessment by an independent, qualified, professional engineer prepared and on-site for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.191	GPT	
25. <input checked="" type="checkbox"/> Leak test, internal inspection or tank integrity exam performed annually and documented, by an independent, qualified, professional engineer for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(i)	GPT	
26. <input checked="" type="checkbox"/> Leak/spill response resulted in: waste flow stopped immediately; waste removal; containment and removal of visible releases to the environment; notification and report; and repair or closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.196	GPT	

PART 2: RECORDS INSPECTION

F. MANIFESTS

1. <input checked="" type="checkbox"/> Facility uses manifest system - 260.380.1.(6) RSMo. and 10 CSR 25-5.262(2)(B)	GMR
2. <input checked="" type="checkbox"/> Records maintained for a 3-year period - 10 CSR 25-5.262(1) incorporating 40 CFR 262.40(a)	GRR
3. <input checked="" type="checkbox"/> Generator's MO & EPA I.D. Numbers - 10 CSR 25-5.262(2)(B)	GOR
4. <input checked="" type="checkbox"/> Manifest document, ID and consecutive shipment numbers - 10 CSR 25-5.262(2)(B)2.A.	GOR
5. <input checked="" type="checkbox"/> Generator's name, address and phone number - 10 CSR 25-5.262(2)(B)2.	GMR
6. <input checked="" type="checkbox"/> All transporters' names, phone numbers, MO & EPA I.D.#'s, license plate # - 10 CSR 25-5.262(2)(B)2.	GMR
7. <input checked="" type="checkbox"/> Designated facility name, address, phone, MO & EPA I.D. #, - 10 CSR 25-5.262(2)(B)2.	GMR
8. <input checked="" type="checkbox"/> DOT shipping name, Hazard Class and waste I.D. # (RQ - if required) - 10 CSR 25-5.262(2)(B)2.	GMR
9. <input checked="" type="checkbox"/> Containers, quantity and specific gravity designated - 10 CSR 25-5.262(2)(B)2.	GMR
10. <input checked="" type="checkbox"/> Manifest signed and dated - 10 CSR 25-5.262(2)(B)2.	GMR
11. <input checked="" type="checkbox"/> Out of state manifests have all required MO information - 10 CSR 25-5.262(2)(B)4.A.	GOR
12. <input checked="" type="checkbox"/> Manifest continuation sheets are not used - 10 CSR 25-5.262(2)(B)1.	GOR
13. <input checked="" type="checkbox"/> Manifest returned within 35 days - or exception report submitted within 45 days - 10 CSR 25-5.262(2)(D)2.C.	GRR
14. <input checked="" type="checkbox"/> Summary Manifest Reports and manifest copies sent to DNR quarterly - 10 CSR 25-5.262(2)(D)1.	GOR

COMMENTS

G. LAND DISPOSAL RESTRICTIONS

1. <input checked="" type="checkbox"/> Tests waste or uses knowledge of waste to determine if the waste is restricted from land disposal - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB
2. <input checked="" type="checkbox"/> Dilution of waste to meet LDR treatment standards is not occurring - 10 CSR 25-7.268(1) incorporating 40 CFR 268.3(a)	GLB
3. <input checked="" type="checkbox"/> "Land-Bag" notification/certification, sent with manifests and retained on-site for five years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB
4. <input checked="" type="checkbox"/> Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB
5. <input checked="" type="checkbox"/> Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4)	GLB

COMMENTS

H. PERSONNEL TRAINING

1. <input checked="" type="checkbox"/> Personnel are trained to respond to emergencies including the use of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(a)(3).	GPT
2. <input checked="" type="checkbox"/> Employees do not work in unsupervised positions until they have completed the training - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(b)	GPT
3. <input checked="" type="checkbox"/> Training reviewed annually - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(c)	GPT
4. <input checked="" type="checkbox"/> Program director trained in hazardous waste management procedures - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(a)(2)	GPT
5. <input checked="" type="checkbox"/> Personnel training plan on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)	GPT

COMMENTS

Training plan has been recently updated & submitted with permit renewal

6. <input checked="" type="checkbox"/> Gives job title, job description and name of employee filling each position - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(1) and (2)	GPT	COMMENTS
7. <input checked="" type="checkbox"/> Written description of introductory and continuing training that will be given to each position - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(3)	GPT	
8. <input checked="" type="checkbox"/> Documentation of training completed by personnel - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(4)	GPT	
9. <input checked="" type="checkbox"/> Records of current personnel maintained until facility closure, former employee records maintained for at least three years - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(e)	GPT	

I. CONTINGENCY PLAN

1. <input type="checkbox"/> Contingency plan maintained on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(a).	GPT	COMMENTS Contingency plan has recently been updated & submitted with permit renewal
2. <input checked="" type="checkbox"/> Plan submitted to local emergency response agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(b)	GPT	
3. <input checked="" type="checkbox"/> Emergency coordinator on-site or on call - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.55	GPT	
4. <input checked="" type="checkbox"/> Plan describes actions personnel must take in response to fires, explosions or other releases of hazardous waste - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(a)	GPT	
5. <input checked="" type="checkbox"/> Describes arrangements with emergency response agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(c)	GPT	
6. <input checked="" type="checkbox"/> Lists names, addresses and phone numbers (home and office) of emergency coordinators - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d)	GPT	
7. <input checked="" type="checkbox"/> Primary emergency coordinator designated - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d)	GPT	
8. <input checked="" type="checkbox"/> List emergency equipment including description, location and capabilities - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(e)	GPT	
9. <input checked="" type="checkbox"/> Evacuation plan, if applicable, designates primary and secondary routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f)	GPT	

J. WASTE OIL

1. <input checked="" type="checkbox"/> Waste oil is managed properly and not disposed of into the environment - 10 CSR 25-11.010(1)(D).	GOR	COMMENTS
2. <input checked="" type="checkbox"/> Listed hazardous waste mixed with waste oil is handled as a hazardous waste - 10 CSR 25-11.010(1)(C)2.	GOR	
3. <input checked="" type="checkbox"/> Registered as waste oil generator if gen./accum. 220 lb. - 10 CSR 25-11.010(2)(A)	GOR	
4. <input checked="" type="checkbox"/> Written waste oil contract maintained - 10 CSR 25-11.010(4)(C)	GOR	
5. <input checked="" type="checkbox"/> Uses a licensed transporter and receiving facility - 10 CSR 25-11.010(4)	GOR	

K. RESOURCE RECOVERY

1. <input type="checkbox"/> RR certification for energy recovery or reclamation of waste oil or hazardous waste on-site - 10 CSR 25-9.020(1)(A)3.	GOR	COMMENTS
2. <input checked="" type="checkbox"/> Still bottoms or RR residues disposed of properly - Section 260.380.1(5) RSMo.	GOR	
3. <input checked="" type="checkbox"/> Facility is classified as U, R1 or R2 accurately - 10 CSR 25-9.020(3)(A).	GOR	
4. <input checked="" type="checkbox"/> Facility meets the operating conditions of certification - 10 CSR 25-9.020(30)(E)3.	GOR	
5. <input checked="" type="checkbox"/> Facility has submitted a written request and received approval from the DNR for all changes in operation including closure - 10 CSR 25-9.020(3)(E) 1. and 2.	GOR	

6. <input type="checkbox"/> Facility report submitted to DNR quarterly - 10 CSR 25-9.020(3)(E)6. referencing 10 CSR 25-7.264(2)(E)3.	GOR	COMMENTS
7. <input checked="" type="checkbox"/> Facility maintains a written operating record - 10 CSR 25-9.020(3)(E)5. referencing 40 CFR 264.73(b)(1) & (2) as modified by 10 CSR 25-7.264(2)(E)2.	GOR	
8. <input checked="" type="checkbox"/> Facility has notified EPA and the state that it qualifies for a small quantity on-site burner exemption or has interim status or a permit if it burns hazardous waste on-site - 10 CSR 25-7.266(1) incorporating 40 CFR 266.108 and 40 CFR 266.103.	GOR	
9. <input checked="" type="checkbox"/> R2 facility uses an adequate sampling and analysis plan to assess incoming shipments - 10 CSR 25-9.020(3)(C)1.	GOR	
10. <input checked="" type="checkbox"/> R2 facility maintains a daily log of manifest number, wastes received, disposition of waste and corresponding sampling data - 10 CSR 25-9.020(3)(C)2.	GOR	
11. <input checked="" type="checkbox"/> R2 facility has a written closure plan which meets 40 CFR 264.112 requirements - 10 CSR 25-9.020(3)(C)3.	GOR	
12. <input checked="" type="checkbox"/> R2 facility provides financial assurance for closure - 10 CSR 25-9.020(3)(C)4.	GOR	

CHECKLIST KEY

Check the ☒ if in compliance.

Circle the ☐ if not in compliance and provide comment.

N/A = Not Applicable

A shaded item is a serious deviation from the requirements (Class I violation)

An unshaded item is a significant deviation from the requirements (Class II violation unless conditions warrant Class I)

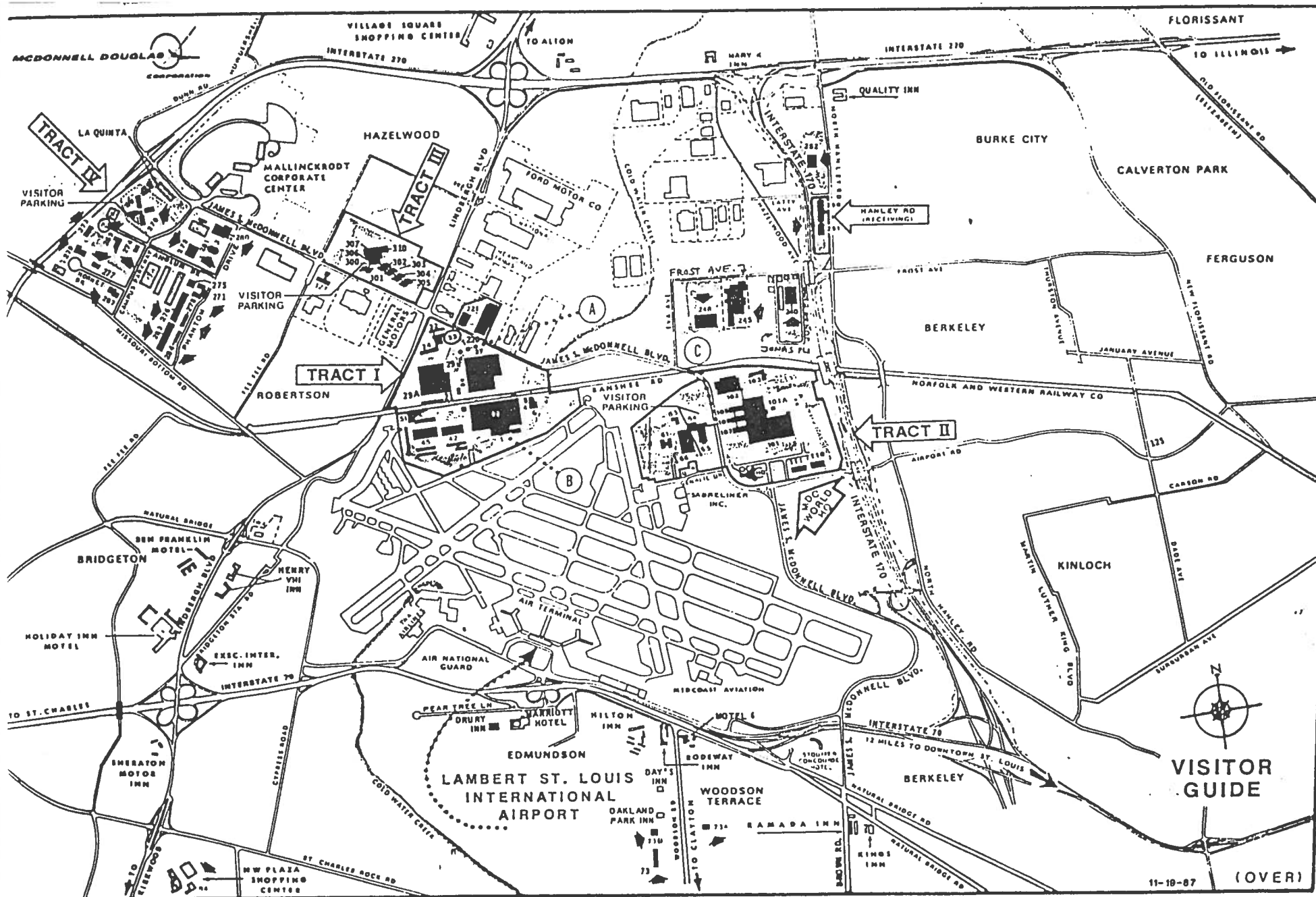
COMMENTS. INCLUDE DISCUSSION OF FACILITY'S WASTE MINIMIZATION PLAN

INSPECTOR'S SIGNATURE

Joseph L. Turner

DATE

4-1-94

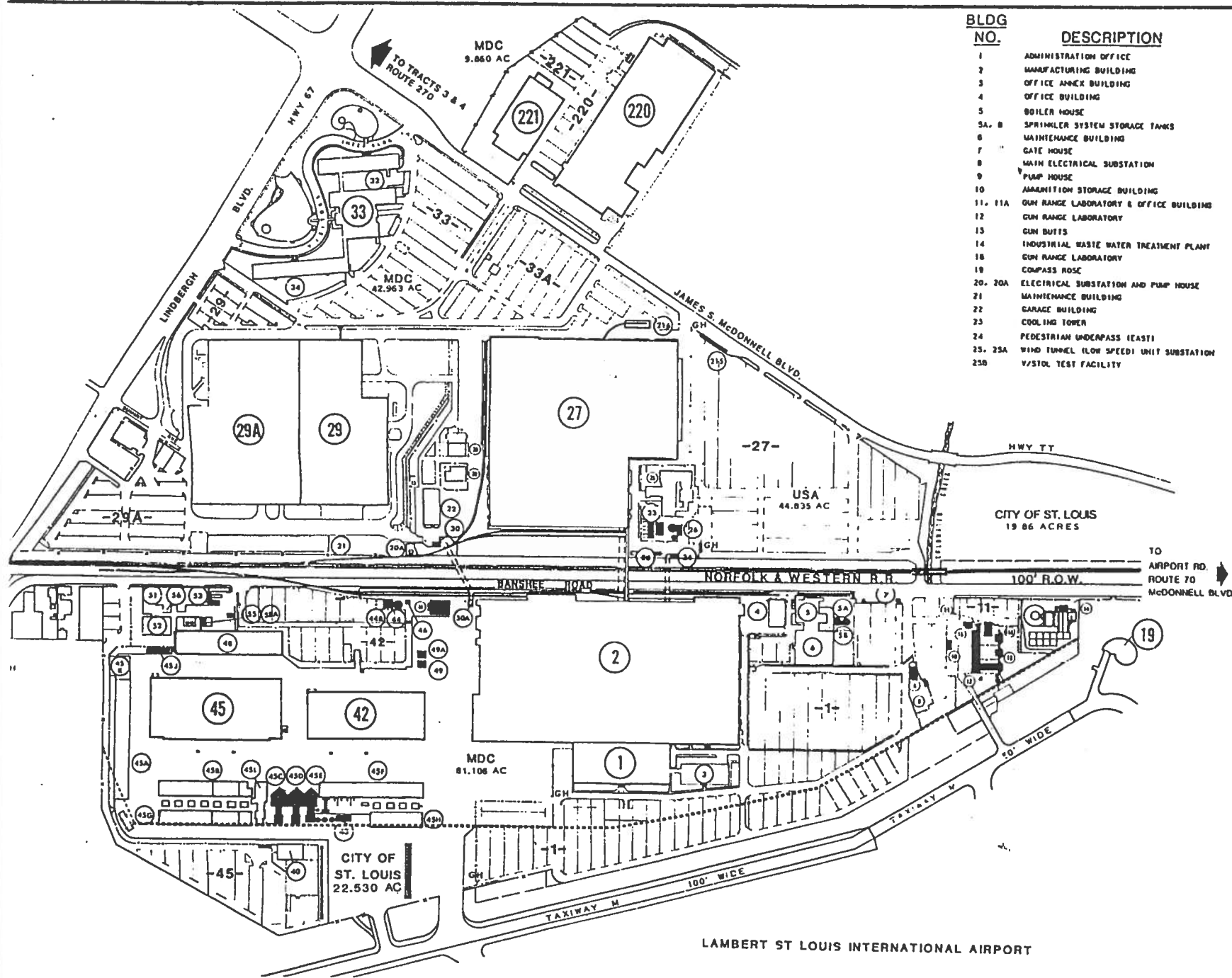


McDonnell Douglas Aerospace (Tract II)

MOD 000 818906

601248

RR 0268-B (Bldg 101)



BLDG
NO.

DESCRIPTION

- 1 ADMINISTRATION OFFICE
- 2 MANUFACTURING BUILDING
- 3 OFFICE ANNEX BUILDING
- 4 OFFICE BUILDING
- 5 BOILER HOUSE
- 5A, B SPRINKLER SYSTEM STORAGE TANKS
- 6 MAINTENANCE BUILDING
- 7 GATE HOUSE
- 8 MAIN ELECTRICAL SUBSTATION
- 9 PUMP HOUSE
- 10 AMMUNITION STORAGE BUILDING
- 11, 11A GUN RANGE LABORATORY & OFFICE BUILDING
- 12 GUN RANGE LABORATORY
- 13 GUN BUTTS
- 14 INDUSTRIAL WASTE WATER TREATMENT PLANT
- 18 GUN RANGE LABORATORY
- 19 COMPASS ROSE
- 20, 20A ELECTRICAL SUBSTATION AND PUMP HOUSE
- 21 MAINTENANCE BUILDING
- 22 GARAGE BUILDING
- 23 COOLING TOWER
- 24 PEDESTRIAN UNDERPASS (EAST)
- 25, 25A WIND TUNNEL (LOW SPEED) UNIT SUBSTATION
- 25B V/SID TEST FACILITY

BLDG
NO.

DESCRIPTION

- 26 PUMP HOUSE (FIRE PROTECTION)
- 26A STORAGE TANK (FIRE PROTECTION)
- 27 MANUFACTURING BUILDING
- 28 FUEL SYSTEM LABORATORY
- 29 FABRICATION BUILDING
- 29A COMPOSITES MANUFACTURING
- 30, 30A PEDESTRIAN UNDERPASS (WEST)
- 32 OFFICE BUILDING
- 33 OFFICE BUILDING
- 34 OFFICE BUILDING
- 38 OIL STORAGE BUILDING
- 40 RAMP SERVICE BUILDING
- 41 CHEMICAL STORAGE BUILDING
- 42 PRODUCTION HANGAR
- 43 RAMP UTILITIES BUILDING
- 43A, B, C, D STORAGE TANKS (RAMP WATER AND AIR S)
- 44 PUMP HOUSE (FIRE PROTECTION)
- 44A, B STORAGE TANK (FIRE PROTECTION)
- 45 PRODUCTION HANGAR
- 45A, B, C, D RAMP SHELTERS
- 45C, D, E HUSH HOUSES
- 45J RADAR COOLING EQUIPMENT BUILDING
- 45K FUEL SYSTEM WORK FACILITY
- 45L HUSH HOUSE 64
- 46 FUEL FILTER BUILDING
- 48 RAMP PAINT BOOTH
- 49, 49A WATER CHECK FACILITY
- 51 MANUFACTURING BUILDING
- 52 MANUFACTURING BUILDING
- 53 BOILER HOUSE
- 55 SERVICE BUILDING
- 55A STORAGE BUILDING
- 56 BOILER HOUSE
- 211, 214 GUARD SHELTERS
- 215 BUS SHELTER (McDONNELL BLVD)
- 216 DIE STORAGE RACK
- 220 COMPOSITES MANUFACTURING
- 220A UNIT SUBSTATION
- 221 OFFICE & ENGINEERING LABS

LAMBERT ST LOUIS INTERNATIONAL AIRPORT

MCDONNELL DOUGLAS CORPORATION



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - PART I

MCDONNELL DOUGLAS CORPORATION TRACT I
CONTACT: JOE HAAKE
MCDONNELL & LINDBERGH BLVD.
HAZELWOOD MO 63042

EPAID=MOD000818963 MOID=001001

GENERATOR'S EPA ID NUMBER

M.O.D.0.0.0.8.1.8.9.6.3

GENERATOR'S MISSOURI ID NUMBER

0.0.1.0.0.1

NOTE: THE FEDERAL EPA AND MISSOURI GENERATOR ID NUMBERS ARE ASSIGNED EXCLUSIVELY TO THE SITE WHERE WASTE IS PRODUCED. YOU MUST NOTIFY THE DEPARTMENT IF THE ADDRESS FOR THE SITE OF GENERATION CHANGES.

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION A - REPORT IDENTIFICATION

1. TYPE OF REPORT (CHECK ONE)

☒ QUARTERLY ☐ ANNUAL

(IF ANNUAL CHECKED, PLACE X IN 6-30 BOX)

2. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☒ 12-31-92 (YEAR)

☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

3. PAGE

1 of 10

SECTION B - GENERATOR IDENTIFICATION

NOTE: Any change in either the mailing or site address from previous reports requires renotification to the Department.

4. GENERATOR'S NAME ☒ SAME AS LABEL

MCDONNELL DOUGLAS CORPORATION

5. GENERATOR CONTACT PERSON (NAME) ☒ SAME AS LABEL

JOE HAAKE

TELEPHONE NUMBER

314-232-3319

6. MAILING ADDRESS

P.O. BOX 516, MAIL CODE 1003377

CITY

ST. LOUIS

STATE

MO

ZIP CODE

63166

7. PLANT SITE ADDRESS ☒ SAME AS LABEL

LINDBERGH & MCDONNELL BLVD.

CITY

HAZELWOOD

STATE

MO

ZIP CODE

63042

8. NAME OF PARENT FIRM

MCDONNELL DOUGLAS CORPORATION

OFFICE USE ONLY

SECTION C - STATUS OF WASTE GENERATED (CHECK ONE)

9. ☒ SHIPPED OFF-SITE. Complete part 2, attach completed hazardous waste manifests, sign certification and transmit to the department.

10

☐ REPORTABLE QUANTITY NOT GENERATED. Sign certification and transmit to the department. (Do not complete Part 2)

11

☐ REPORTABLE QUANTITY GENERATED BUT NOT SHIPPED OFF-SITE THIS QUARTER. Sign certification and transmit to the department. (Do not complete Part 2)

SECTION D - COMMENTS

12.

SECTION E - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

PRINT NAME

ROBERT H. KAATMAN

SIGNATURE

Robert H. Kaatman

DATE

10 Feb 94

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M-0-D-0-0-0-8-1-8-9-6-3

MISSOURI ID NUMBER

0-0-1-0-0-1

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the
Hazardous Waste Management Facility you have
identified in Section G below. Additional pages are
required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR)

☒ 12-31-93 (YEAR)

☐ 3-31- (YEAR)

☐ 6-30- (YEAR)

2. PAGE

2 OF 10

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Heritage Environmental Services, Inc.

4. FACILITY'S EPA I.D. NUMBER

I.N.D.0.9.3.2.1.9.0.1.2

5. FACILITY SITE ADDRESS

7901 West Morris Street

6. FACILITY'S MISSOURI I.D. NUMBER

R.R.I.N.0.3

CITY

Indianapolis

STATE

IN

ZIP CODE

46231

SECTION H - WASTE IDENTIFICATION

LINE	DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	DOT HAZARD CODE	EPA HAZARDOUS WASTE NUMBER	TAX CODE (SEE INST.)	TOTAL AMOUNT OF WASTE	UNIT OF MEAS.	SPECIFIC GRAVITY	FINAL HANDLING CODE
1	Acid from aluminum metal surface cleaning	0 2	D-0-0-2 D-0-0-8		38,960	P	.	T-0-4
2	Acid from cleaning/pick- ling aluminum/titanium	0 2	D-0-0-2 D-0-0-7 D-0-0-8		178,280	P	.	T-0-4
3	Acid from cleaning/pick- ling aluminum/titanium	0 2	D-0-0-2 D-0-0-7 D-0-0-8	A	435	P	.	T-0-4
4	Acid from plating/ hard coating	0 2	D-0-0-2 .	A	435	P	.	T-0-4
5	Acid from stainless steel pickling/plating	0 2	D-0-0-2 .	A	895	P	.	T-0-4
6	Acid from metal surface passivate	0 2	D-0-0-2 D-0-1-0	A	5,370	P	.	T-0-4
7	Alkaline from chrome plating	0 2	D-0-0-2 D-0-0-7 D-0-0-8		35,000	P	.	T-0-4
8	Alkaline from derusting of metal parts	0 2	D-0-0-2 .	A	5,880	P	.	T-0-4

SECTION I - TRANSPORTATION SERVICES UTILIZED

15 COMPANY NAME	16 MISSOURI ID NO	17 US EPA ID NUMBER
a. Heritage Transport, Inc.	H-1-4-6-4	I.N.D.0.5.8.4.8.4.1.1.4
b.	H- . . . .	. . . . .
c.	H- . . . .	. . . . .

SECTION J - COMMENTS

18.

T04: Precipitation, neutralization, filtration, coagulation, fixation, and
discharge to POTW.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3178
**GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II**

**BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.**

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M.O.D.0.0.0.8.1.8.9.6.3

MISSOURI ID NUMBER

0.0.1.0.0.1

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the hazardous waste management facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR)

☒ 12-31- 93 (YEAR)

☐ 3-31- (YEAR)

☐ 6-30- (YEAR)

2. PAGE

3 OF 10

SECTION G - FACILITY IDENTIFICATION

1. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Heritage Environmental Services, Inc.

2. FACILITY SITE ADDRESS

7901 West Morris Street

CITY

Indianapolis

STATE

IN

ZIP CODE

46231

4. FACILITY'S EPA I.D. NUMBER

I.N.D.0.9.3.2.1.9.0.1.2

6. FACILITY'S MISSOURI I.D. NUMBER

R.R.I.N.0.3

SECTION H - WASTE IDENTIFICATION

LINE	7 DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8 DOT HAZARD CODE	9 EPA HAZARDOUS WASTE NUMBER	10 TAX CODE (SEE INST.)	11 TOTAL AMOUNT OF WASTE	12 UNIT OF MEAS.	13 SPECIFIC GRAVITY	14 FINAL HANDLING CODE
1	Alkaline cleaning solution	0.2	D.0.0.2 D.0.0.7	A	2,275	P	:	T.0.4
2	Ferric chloride from metal etching	0.2	D.0.0.2 D.0.0.7		20,520	P	:	T.0.4
3	Industrial wastewater pretreatment sludge	1.5	D.0.0.3 F.0.0.6		27,000	P	:	T.0.4
4	Water-emulsified cutting oil	.	D.0.9.8		208,440	P	:	T.5.0
5	Neutralization/cleaning of an acid spill	0.2	D.0.0.2	A	5,220	P	:	T.0.4
6	Mold material from die-casting metals	0.2	D.0.0.2	A	13,475	P	:	T.0.4
7	Acid from pickling aluminum alloys	0.2	D.0.0.2 D.0.0.4	A	2,225	P	:	T.0.4
8	Acid sludge from various process tanks	0.2	D.0.0.2 D.0.0.8	A	10,765	P	:	T.0.4

SECTION I - TRANSPORTATION SERVICES UTILIZED

15 COMPANY NAME	16 MISSOURI ID NO	17 US EPA ID NUMBER
Heritage Transport, Inc.	H. . . 1.4.6.4	I.N.D.0.5.8.4.8.4.1.1.4
	H. . . . .	. . . . .
	H. . . . .	. . . . .

SECTION J - COMMENTS

T04: Precipitation, reduction, filtration, coagulation, fixation, neutralization, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3178

GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M 0 . D . 0 . 0 . 0 . 8 . 1 . 8 . 9 . 6 . 3

MISSOURI ID NUMBER

0 . 0 . 1 . 0 . 0 . 1

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the
Hazardous Waste Management Facility you have
identified in Section G below. Additional pages are
required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☒ 12-31-93 (YEAR)
☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

2. PAGE

4 OF 10

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Heritage Environmental Services, Inc.

4. FACILITY'S EPA I.D. NUMBER

I . N . D . 0 . 9 . 3 . 2 . 1 . 9 . 0 . 1 . 2

5. FACILITY SITE ADDRESS

7901 West Morris-Street

6. FACILITY'S MISSOURI I.D. NUMBER

R . R . I . N . 0 . 3

CITY

Indianapolis

STATE

IN

ZIP CODE

46231

SECTION H - WASTE IDENTIFICATION

LINE	DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	DOT HAZARD CODE	EPA HAZARDOUS WASTE NUMBER	TAX CODE (SEE INST)	TOTAL AMOUNT OF WASTE	UNIT OF MEAS.	SPECIFIC GRAVITY	FINAL HANDLING CODE
1	Alkaline sludge from various process tanks	0 2	0 0 0 2 . . .	A	1,840	P	.	T 0 4
2	Coolant	.	0 0 0 2 F 0 0 5	A	4,785	P	.	T 0 4
3	Sulfuric acid with iron/ nickel/cobalt	0 2	0 0 0 2 D 0 0 7	A	10,205	P	.	T 0 4
4	Fluoroboric acid	0 2	0 0 0 2 D 0 0 7	A	895	P	.	T 0 4
5		.	. . . . .				.	. .
6		.	. . . . .				.	. .
7		.	. . . . .				.	. .
8		.	. . . . .				.	. .

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO	17. US EPA ID NUMBER
Heritage Transport, Inc.	H . 1 4 6 4	I . N . D . 0 . 5 . 8 . 4 . 8 . 4 . 1 . 1 4
	H . . . . .	. . . . .
	H . . . . .	. . . . .

SECTION J - COMMENTS

18.

T04: Precipitation, neutralization, reduction, filtration, coagulation, fixation,
and discharge to POTW.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
**GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II**

**BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.**

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M.O.D.0.0.0.8.1.8.9.6.3

MISSOURI ID NUMBER

0.0.1.0.0.1

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the Hazardous Waste Management Facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- ____ (YEAR)

☒ 12-31- 93 (YEAR)

☐ 3-31- ____ (YEAR)

☐ 6-30- ____ (YEAR)

2. PAGE

5 OF 10

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Safety-Kleen Corporation

5. FACILITY SITE ADDRESS

State Hwy. 146

CITY

New Castle

STATE

KY

ZIP CODE

40050

4. FACILITY'S EPA I.D. NUMBER

K.Y.D.0.5.3.3.4.8.1.0.8

6. FACILITY'S MISSOURI I.D. NUMBER

R.R.K.Y.0.2

SECTION H - WASTE IDENTIFICATION

LINE	7 DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	9 EPA HAZARDOUS WASTE NUMBER	10. TAX CODE (SEE INST.)	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13 SPECIFIC GRAVITY	14. FINAL HANDLING CODE
1	Chlorinated solvent from painting/paint removal	1.3	F.0.0.1 D.0.4.0	A	2,520	P	.	T.5.0
2	Ignitable solvents from painting/metal cleaning	0.8	F.0.0.2 F.0.0.5 D.0.0.1	A	31,344	P	.	T.5.0
3		.	D.0.0.7 D.0.3.5				.	.
4	Flammable/chlorinated solvents	0.8	D.0.0.1 D.0.0.8 F.0.0.2	A	24,780	P	.	T.5.0
5		.	F.0.0.3 .				.	.
6	Chlorinated solvent from degreasing	1.3	F.0.0.1 .	A	1,680	P	.	T.5.0
7	Oil contaminated with chlorinated solvents	1.3	F.0.0.1 D.0.3.9 D.0.4.0	A	17,640	P	.	T.5.0
8	Oil contaminated with chlorinated solvents	1.3	F.0.0.2 F.0.0.5	A	20,970	P	.	T.5.0

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO	17. USEPA ID NUMBER
a. Schneider Tank Lines, Inc.	H. . . 1.4.3.1	W. I. D. 9.8.0.9.0.4.7.4.2
b. Schiber Truck Company	H. . . 1.4.2.7	L. D. 0.0.6.4.9.3.1.9.1
c.	H. . . . .	. . . . .

SECTION J - COMMENTS

18.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
**GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II**

**BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.**

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M 0 . D . 0 . 0 . 0 . 8 . 1 . 8 . 9 . 6 . 3

MISSOURI ID NUMBER

0 . 0 . 1 . 0 . 0 . 1

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the Hazardous Waste Management Facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR)

☒ 12-31-93 (YEAR)

☐ 3-31-____ (YEAR)

☐ 6-30-____ (YEAR)

2. PAGE

6 OF 10

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Holnam/Safety-Kleen Corporation

5. FACILITY SITE ADDRESS

Hwy. 79 North

CITY

Clarksville

STATE

MO

ZIP CODE

63336

4. FACILITY'S EPA I.D. NUMBER

M 0 . D . 0 . 2 . 9 . 7 . 2 . 9 . 6 . 8 . 8

6. FACILITY'S MISSOURI I.D. NUMBER

R R 0 1 8 4

SECTION H - WASTE IDENTIFICATION

LINE	7 DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	9 EPA HAZARDOUS WASTE NUMBER	10. TAX CODE (SEE INST)	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13 SPECIFIC GRAVITY	14. FINAL HANDLING CODE
1	Oil contaminated with chlorinated solvents	1 3	F 0 0 0 2 F 0 0 0 3 F 0 0 0 5 . . .	A	35,140	P	.	T 5 0
2		.	. . . . .				.	. .
3		.	. . . . .				.	. .
4		.	. . . . .				.	. .
5		.	. . . . .				.	. .
6		.	. . . . .				.	. .
7		.	. . . . .				.	. .
8		.	. . . . .				.	. .

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO	17. US EPA ID NUMBER
a. Schiber Truck Company	H - - 1 4 2 7	I - L - D - 0 - 0 - 6 - 4 - 9 - 3 - 1 - 9 - 1
b.	H - - . . . .	. . . . .
c.	H - - . . . .	. . . . .

SECTION J - COMMENTS

18.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
**GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II**

**BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.**

GENERATOR NAME	McDonnell Douglas Corporation
EPA ID NUMBER	M.O.D.0.0.0.8.1.8.9.6.3
MISSOURI ID NUMBER	0.0.1.0.0.1

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the Hazardous Waste Management Facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

- ☐ 9-30-____ (YEAR) ☒ 12-31- 93 (YEAR)
☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

2. PAGE

7 OF 10

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Safety-Kleen Corporation

5. FACILITY SITE ADDRESS

4526 Towne Ct.; Harvestowne Industrial Park

4. FACILITY'S EPA I.D. NUMBER

M.O.D.0.9.5.4.8.6.3.1.2

6. FACILITY'S MISSOURI I.D. NUMBER

H.H.0.0.2.3

CITY

St. Charles

STATE

MO

ZIP CODE

63304

SECTION H - WASTE IDENTIFICATION

LINE	7 DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	9. EPA HAZARDOUS WASTE NUMBER	10. TAX CODE (SEE INST.)	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. FINAL HANDLING CODE
1	Combustible solvent from painting/metal cleaning	01	D 0 0 1		3,270	P	.	T 5 4
2	Corrosive liquid from parts cleaning	02	D 0 0 6 D 0 0 8		195	P	.	T 5 4
3		.	. . . . .				.	. .
4		.	. . . . .				.	. .
5		.	. . . . .				.	. .
6		.	. . . . .				.	. .
7		.	. . . . .				.	. .
8		.	. . . . .				.	. .

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO	17. US EPA I.D. NUMBER
a. Safety-Kleen Corporation	H. . . 1.2.7.3	M O D 0 9 5 4 8 6 3 1 2
b.	H. . . . .	. . . . .
c.	H. . . . .	. . . . .

SECTION J - COMMENTS

18.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M.O.D.0.0.0.8.1.8.9.6.3

MISSOURI ID NUMBER

0.0.1.0.0.1

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the
Hazardous Waste Management Facility you have
identified in Section G below. Additional pages are
required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR)

☒ 12-31- 93 (YEAR)

☐ 3-31- (YEAR)

☐ 6-30- (YEAR)

2. PAGE

8 OF 10

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

McDonnell Douglas Corporation

5. FACILITY SITE ADDRESS

Lindbergh & McDonnell Blvd.

CITY

Hazelwood

STATE

MO

ZIP CODE

63042

4. FACILITY'S EPA I.D. NUMBER

M.O.D.0.0.0.8.1.8.9.6.3

6. FACILITY'S MISSOURI I.D. NUMBER

R.R.0.2.6.8

SECTION H - WASTE IDENTIFICATION

LINE	7 DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8 DOT HAZARD CODE	9 EPA HAZARDOUS WASTE NUMBER	10 TAX CODE (SEE INST.)	11 TOTAL AMOUNT OF WASTE	12 UNIT OF MEAS.	13 SPECIFIC GRAVITY	14 FINAL HANDLING CODE
1	Ignitable solvents from painting/metal cleaning	0 8	F 0 0 3 F 0 0 5 D 0 0 1 D 0 0 7		5,998	P	.	T 5 4
2		.	.				.	.
3		.	.				.	.
4		.	.				.	.
5		.	.				.	.
6		.	.				.	.
7		.	.				.	.
8		.	.				.	.

SECTION I - TRANSPORTATION SERVICES UTILIZED

15 COMPANY NAME	16 MISSOURI ID NO	17 US EPA ID NUMBER
a None (on-site recovery)	H . . . . .	. . . . .
b	H . . . . .	. . . . .
c	H . . . . .	. . . . .

SECTION J - COMMENTS

18.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
**GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II**



**BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.**

GENERATOR NAME	McDonnell Douglas Corporation
EPA ID NUMBER	M.O.D.0.0.0.8.1.8.9.6.3
MISSOURI ID NUMBER	0.0.1.0.0.1

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the Hazardous Waste Management Facility you have identified in Section G below. Additional pages are required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)	2. PAGE
<input type="checkbox"/> 9-30-____ (YEAR) <input checked="" type="checkbox"/> 12-31- <u>93</u> (YEAR)	<u>9</u> OF <u>10</u>
<input type="checkbox"/> 3-31-____ (YEAR) <input type="checkbox"/> 6-30-____ (YEAR)	

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)			4. FACILITY'S EPA I.D. NUMBER		
Safety-Kleen Corporation			O.H.D.9.8.0.5.8.7.3.6.4		
5. FACILITY SITE ADDRESS			6. FACILITY'S MISSOURI I.D. NUMBER		
581 Milliken Drive Southeast			R.R.0.H.0.1		
CITY	STATE	ZIP CODE			
Hebron	OH	43025			

SECTION H - WASTE IDENTIFICATION

LINE	7. DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	8. DOT HAZARD CODE	9. EPA HAZARDOUS WASTE NUMBER	10. TAX CODE (SEE INST)	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. FINAL HANDLING CODE
1	Chlorinated solvent from degreasing	1.3	F.0.0.1.D.0.4.0	A	5,126	P	.	T.0.4
2		.	.				.	.
3		.	.				.	.
4		.	.				.	.
5		.	.				.	.
6		.	.				.	.
7		.	.				.	.
8		.	.				.	.

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO	17. US EPA ID NUMBER
a. Schneider Tank Lines, Inc.	H. . . 1.4.3.1	W. I. D. 9.8.0.9.0.4.7.4.2
b.	H. . . . .	. . . . .
c.	H. . . . .	. . . . .

SECTION J - COMMENTS

18.

T04; Recycling



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME
AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

GENERATOR NAME

McDonnell Douglas Corporation

EPA ID NUMBER

M.0.D.0.0.0.8.1.8.9.6.3

MISSOURI ID NUMBER

0.0.1.0.0.1

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

ATTENTION: Summarize all shipments made to the
Hazardous Waste Management Facility you have
identified in Section G below. Additional pages are
required for each off-site management facility utilized.

SECTION F - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR)

☒ 12-31- 93 (YEAR)

☐ 3-31- (YEAR)

☐ 6-30- (YEAR)

2. PAGE

10 OF 10

SECTION G - FACILITY IDENTIFICATION

3. FACILITY NAME (NAME OF OFF-SITE LOCATION WHERE WASTE WAS DELIVERED)

Rollins Environmental Services (TX) Inc.

4. FACILITY'S EPA I.D. NUMBER

T.X.d.0.5.5.1.4.1.3.7.8

5. FACILITY SITE ADDRESS

P.O. Box 609, 2027 Battleground Rd.

6. FACILITY'S MISSOURI I.D. NUMBER

I.N.T.X.1.6

CITY

Deer Park

STATE

TX

ZIP CODE

77536

SECTION H - WASTE IDENTIFICATION

LINE	DESCRIPTION OF WASTE SHIPPED TO THE FACILITY LISTED ABOVE	DOT HAZARD CODE	EPA HAZARDOUS WASTE NUMBER	TAX CODE (SEE INST 1)	TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. FINAL HANDLING CODE
1	Debris from aircraft servicing/painting	1.5	D.0.0.7 F.0.0.3 F.0.0.2 F.0.0.5		-91,640	P	.	T.0.3
2							.	.
3							.	.
4							.	.
5							.	.
6							.	.
7							.	.
8							.	.

SECTION I - TRANSPORTATION SERVICES UTILIZED

15. COMPANY NAME	16. MISSOURI ID NO	17. US EPA ID NUMBER
a. Peoria Disposal Company	H. - 1.1.9.1	I.L.D.0.0.9.8.4.8.1.9.3
b.	H. - . . . .	. . . . .
c.	H. - . . . .	. . . . .

SECTION J - COMMENTS

18.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 761-3176

FACILITY SUMMARY REPORT PART I

REPORT COPIING FORM, ATTACH SITE IDENTIFICATION LABEL

MCDONNELL DOUGLAS CORPORATION TRACT I
CONTACT: JOSEPH HAAKE

MCDONNELL & LINDBERGH BLVD.
HAZELWOOD, MO 63042

EPA ID=MOD000818963 MO ID=HH1013/
RR0268

FACILITY'S EPA I.D. NUMBER	FACILITY'S MISSOURI I.D. NUMBER
M.O.D.O.O.O.8.1.8.9.6.3	R. R. O. 2.6.8

NOTE: THE FEDERAL EPA AND MISSOURI FACILITY I.D. NUMBERS ARE ASSIGNED EXCLUSIVELY TO THE SITE WHERE WASTE IS HANDLED. YOU MUST NOTIFY THE DEPARTMENT IF THE ADDRESS FOR THE FACILITY SITE CHANGES.

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION A - REPORT IDENTIFICATION

IMPORTANT: ALL MISSOURI BASED FACILITIES THAT RECLAIM, TREAT, STORE, OR DISPOSE HAZARDOUS WASTE ON-SITE SHALL REPORT THE TYPE, QUANTITY AND HANDLING METHOD USED FOR EACH WASTE RECEIVED FROM ALL SOURCES. ALL FACILITIES MUST REPORT QUARTERLY.

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR) ☒ 12-31-93 (YEAR)

☐ 3-31- (YEAR) ☐ 6-30- (YEAR)

2. PAGE

1 OF 17

SECTION B - FACILITY IDENTIFICATION

3. FACILITY NAME <input checked="" type="checkbox"/> SAME AS LABEL McDonnell Aircraft Company			
4. FACILITY CONTACT PERSON (NAME) <input checked="" type="checkbox"/> SAME AS LABEL Joseph Haake		TELEPHONE NUMBER 314-232-3319	
5. MAILING ADDRESS P.O. Box 516, Mail Code 10U3377	CITY St. Louis	STATE MO	ZIP CODE 63166
6. PLANT SITE ADDRESS <input checked="" type="checkbox"/> SAME AS LABEL McDonnell & Lindbergh Blvd.	CITY Hazelwood	STATE MO	ZIP CODE 63042
7. NAME OF PARENT FIRM McDonnell Douglas Corporation			OFFICE USE ONLY

SECTION C - COMMENTS

1.

SECTION D - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

PRINT NAME ROBERT H. KAATMAN	SIGNATURE 	DATE 10 Feb 94
---------------------------------	---------------	-------------------



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3178

**FACILITY SUMMARY REPORT
PART II**

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M. O. D. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI
I.D. NUMBER

R. R. O. 2. 6. 8

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☒ 12-31- 93 (YEAR)

☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

2. PAGE

2 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☒

5. GENERATOR'S U.S. EPA I.D. NUMBER

M. O. D. O. O. 8. 1. 8. 9. 6. 3

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

7. GENERATOR'S MISSOURI I.D. NUMBER

Lindbergh & McDonnell Blvd., Hazelwood, MO 63042

0 0 1 0 0 1

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Valdez coolant treatment	0 2	.	.	446	P	.	S 0 1	T 0 4
2	Acid from stainless steel pickling/plating	0 2	D 0 0 2	D 0 0 7	519	P	.	S 0 1	T 0 4
3	Alkaline from derusting of metal parts	0 2	D 0 0 2	D 0 0 8	495	P	.	S 0 1	T 0 4
4	Acid from titanium metal surface cleaning	0 2	D 0 0 2	D 0 0 7	519	P	.	S 0 1	T 0 4
5	Acid from chemical conversion coating	0 2	D 0 0 2	D 0 0 7	1,557	P	.	S 0 1	T 0 4
6	Solution from coating removal	0 2	F 0 0 2	.	559	P	.	S 0 1	T 0 4
7	Acid from cleaning/pickling aluminum/titanium	0 2	D 0 0 2	D 0 0 4	519	P	.	S 0 1	T 0 4
8	Acid from metal surface passivate	0 2	D 0 0 2	D 0 0 7	5,709	P	.	S 0 1	T 0 4

SECTION H - COMMENTS

15.

T04: Precipitation, reduction, neutralization, coagulation, fixation, and discharge to POTW

Line 6: additional final handling code: T03



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

FACILITY SUMMARY REPORT
PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI
SITE I.D. NUMBER

R.R.O.2.6.8

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR) ☒ 12-31- 93 (YEAR)
☐ 3-31- (YEAR) ☐ 6-30- (YEAR)

2. PAGE

3 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX



5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

7. GENERATOR'S MISSOURI I.D. NUMBER

Lindbergh & McDonnell Blvd., Hazelwood, MO 63042

0.0.1.0.0.1

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Alkaline from derusting of metal parts	0 2	D-0-0-2	D-0-0-8	4,455	P	.	S 0 1	T 0 4
2	Water-emulsified cutting oil	.	D-0-9-8	. . .	880	P	.	S 0 1	T 0 4
3	Solution from anodize sealing	1 3	D-0-0-2	D-0-0-7	480	P	.	S 0 1	T 0 4
4	Alkaline cleaning solution	0 2	D-0-0-2	D-0-0-7	495	P	.	S 0 1	T 0 4
5	Ignitable solvents from painting/metal cleaning	0 8	D-0-0-1	D-0-0-7	18,040	P	.	S 0 1	T 5 0
6		.	F-0-0-3	F-0-0-5			.	.	.
7	Flammable/chlorinated solvents	0 8	F-0-0-2	F-0-0-3	20,992	P	.	S 0 1	T 5 0
8		.	D-0-0-7	D-0-0-8			.	.	.

SECTION H - COMMENTS

15.

Line 2 T04: Recycling

Other T04: Precipitation, reduction, neutralization, fixation, coagulation, filtration, and discharge to POTW.

Line 2 additional final handling code: T50

Lines 5 and 6 additional final handling code: T03



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3178
**FACILITY SUMMARY REPORT
PART II**

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M·0·D·0·0·0·8·1·8·9·6·3

FACILITY'S MISSOURI
I.D. NUMBER

R·R·0·2·6·8

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- ____ (YEAR) ☒ 12-31- 93 (YEAR)
☐ 3-31- ____ (YEAR) ☐ 6-30- ____ (YEAR)

2. PAGE

4 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX

☒

5. GENERATOR'S U.S. EPA I.D. NUMBER

M·0·D·0·0·0·8·1·8·9·6·3

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

Lindbergh & McDonnell Blvd., Hazelwood, MO 63042

7. GENERATOR'S MISSOURI I.D. NUMBER

0·0·1·0·0·1

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Oil contaminated with chlorinated solvents	1 3	F·0·0·2	F·0·0·3	41,160	P	.	S·0·1	T·5·0
			F·0·0·5	.					
2	Ether/sodium aryl radical	0 8	D·0·0·1	D·0·0·2	512	P	.	S·0·1	T·0·3
			D·0·0·8	.					
3	Fluoroboric acid	0 2	D·0·0·2	D·0·0·7	519	P	.	S·0·1	T·0·4
			.	.					
4	Jet aircraft fuel contaminated with oil/water	0 1	D·0·0·1	D·0·1·8	1,432	P	.	S·0·1	T·0·3
			.	.					
5	Acid from phosphatizing ferrous metals	0 2	D·0·0·2	.	1,038	P	.	S·0·1	T·0·4
			.	.					
6	Miscellaneous laboratory chemicals	.	.	.	468	P	.	S·0·1	T·0·3
			.	.					
7	Flammable laboratory chemicals	0 8	D·0·0·1	.	1,760	P	.	S·0·1	T·0·3
			.	.					
8	Mold material from die-casting metals	0 2	D·0·0·2	.	9,747	P	.	S·0·1	T·0·4
			.	.					

SECTION H - COMMENTS

15.

Line 1 additional final handling code: T03

T04: Precipitation, reduction, neutralization, fixation, coagulation, filtration, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

FACILITY SUMMARY REPORT
PART II

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IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI
I.D. NUMBER

R.R.O.2.6.8

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SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR) ☒ 12-31-93 (YEAR)
☐ 3-31- (YEAR) ☐ 6-30- (YEAR)

2. PAGE

5 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED
AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE
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3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS
PAGE WAS BOTH GENERATED AND MANAGED ON-
SITE - CHECK THIS BOX

☒

5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

Lindbergh & McDonnell Blvd., Hazelwood, MO 63042

7. GENERATOR'S MISSOURI I.D. NUMBER

0.0.1.0.0.1

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Neutralization/cleaning of an acid spill	0 2	D·0·0·2	· · ·	6,396	P	·	S·0·1	T·0·4
2	Acid from pickling aluminum alloys	0 2	D·0·0·2	D·0·0·4	2,675	P	·	S·0·1	T·0·4
3	Acid sludge from various process tanks	0 2	D·0·0·2	· · ·	9,360	P	·	S·0·1	T·0·4
4	Alkaline sludge from various process tanks	0 2	D·0·0·2	· · ·	537	P	·	S·0·1	T·0·4
5	Acid from stainless steel pickling/plating	0 2	D·0·0·2	D·0·0·7	519	P	·	S·0·1	T·0·4
6	Waste chem mill mask #2	·	· · ·	· · ·	941	P	·	S·0·1	T·0·4
7	Chlorinated solvent from painting/paint removal	1 3	F·0·0·1	F·0·0·2	1,749	P	·	S·0·1	T·0·3
8	Chlorinated solvent from degreasing	1 3	F·0·0·1	· · ·	1,166	P	·	S·0·1	T·0·3

SECTION H - COMMENTS

15.

Lines 7 and 8 additional final handling code: T50

T04: Precipitation, reduction, neutralization, fixation, coagulation, filtration,
and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
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(314) 751-3176
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McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI
I.D. NUMBER

R.R.O.2.6.8

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SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☒ 12-31- 93 (YEAR)
☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

2. PAGE

6 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☒

5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

Lindbergh & McDonnell Blvd., Hazelwood, MO 63042

7. GENERATOR'S MISSOURI I.D. NUMBER

0.0.1.0.0.1

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Chlorinated solvent from degreasing	1 3	F 0 0 1	D 0 4 0	1,749	P	.	S 0 1	T 0 3
2	Potassium dichromate filters	1 6	D 0 0 1	.	350	P	.	S 0 1	T 0 3
3	Acetic acid/ nickel	.	.	.	1,485	P	.	S 0 1	T 0 4
4	Industrial wastewater pretreatment sludge	1 5	D 0 0 3	F 0 0 6	981,000	P	.	S 0 1	T 0 4
5		.	.	.			.	.	.
6		.	.	.			.	.	.
7		.	.	.			.	.	.
8		.	.	.			.	.	.

SECTION H - COMMENTS

15

Line 1 additional final handling code: T50

T04: Precipitation, reduction, neutralization, filtration, coagulation, filtration, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
**FACILITY SUMMARY REPORT
PART II**

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FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M-0-D-0-7-5-8-8-8-4-8-7

FACILITY'S MISSOURI
I.D. NUMBER

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR)

☒ 12-31- 93 (YEAR)

☐ 3-31- (YEAR)

☐ 6-30- (YEAR)

2. PAGE

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NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☒

5. GENERATOR'S U.S. EPA I.D. NUMBER

M-0-D-0-7-5-8-8-8-4-8-7

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

2600 North Third St., St. Charles, MO 63301

7. GENERATOR'S MISSOURI I.D. NUMBER

0-0-1-1-1-0

SECTION G - WASTE IDENTIFICATION

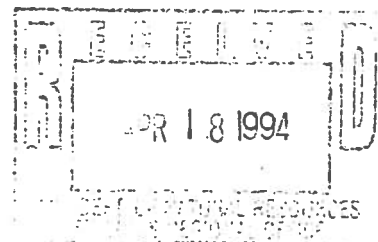
(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
			F-0-0-1	F-0-0-2				INTERIM	FINAL
1	Chlorinated solvents	13	F-0-0-1	F-0-0-2	4,050	P	.	.	T 0 3
2	Mixed solvents	08	F-0-0-3	D-0-3-5	5,475	P	.	.	T 0 3
3	Paint-related material (solids)	15	D-0-0-1	D-0-3-5	103,493	P	.	.	T 0 3
4	Explosive C's	06	D-0-0-3	.	3.9201	P	.	.	T 0 3
5	Waste oil	01	D-0-9-8	.	14,580	P	.	.	T 0 3
6	Coolant oil (Res. Rec.)	.	.	.	1,668	P	.	.	T 0 4
7		.	.	.			.	.	.
8		.	.	.			.	.	.

SECTION H - COMMENTS

15

Line 6: Water is evaporated from oil--oil is sent for fuel blending
Facility's MO ID # left off per DNR.





MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

FACILITY SUMMARY REPORT
PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

~~M 0 0 0 7 5 8 8 8 4 8 7~~

FACILITY'S MISSOURI
I.D. NUMBER

~~000000918963~~

~~0 0 1 1 1 1 0~~

RR0268

NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR)

☒ 12-31-⁹³ (YEAR)

☐ 3-31- (YEAR)

☐ 6-30- (YEAR)

2. PAGE

8 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☐

5. GENERATOR'S U.S. EPA I.D. NUMBER

M 0 0 0 7 5 8 8 8 4 8 7

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

2600 North Third St., St. Charles, MO 63301

7. GENERATOR'S MISSOURI I.D. NUMBER

0 0 1 1 1 0

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Stripping/cleaning bath from electroplating	1 8	D 0 0 3	D 0 0 4	768	P	.	S 0 1	T 0 4
2		.	.	.			.	.	.
3		.	.	.			.	.	.
4		.	.	.			.	.	.
5		.	.	.			.	.	.
6		.	.	.			.	.	.
7		.	.	.			.	.	.
8		.	.	.			.	.	.

SECTION H - COMMENTS

T04: Precipitation, reduction, neutralization, fixation, coagulation, filtration, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3178

FACILITY SUMMARY REPORT
PART II

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FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI
I.D. NUMBER

R.R.O.2.6.8

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☒ 12-31-93 (YEAR)
☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

2. PAGE

9 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☐

5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.O.O.O.8.1.8.9.0.6

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

Airport Rd. & McDonnell Blvd., St. Louis, MO 63134

7. GENERATOR'S MISSOURI I.D. NUMBER

0.0.1.2.4.8

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Acid from oxide removal on metal surfaces	0 2	D 0 0 2	D 0 0 7	94	P	:	S 0 1	T 0 4
2	Acid from chemical conversion coating	0 2	D 0 0 2	D 0 0 7	1,502	P	:	S 0 1	T 0 4
3	Acid from stainless steel pickling/plating	0 2	D 0 0 2	D 0 0 7	566	P	:	S 0 1	T 0 4
4	Acid from metal surface passivate	0 2	D 0 0 2	D 0 0 6	1,037	P	:	S 0 1	T 0 4
5	Water-emulsified cutting oil	.	D 0 9 8	.	440	P	:	S 0 1	T 0 4
6	Chlorinated solvent from painting/paint removal	1 3	F 0 0 1	F 0 0 2	3,498	P	:	S 0 1	T 0 3
7	Jet aircraft fuel contaminated with oil/water	0 1	D 0 0 1	D 0 1 8	1,073	P	:	S 0 1	T 0 3
8		.	.	.			:	.	.

SECTION H - COMMENTS

15.

Line 5 T04: Recycling

Other T04: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.

Lines 5 and 6 additional final handling code: T50



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3178

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FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI
I.D. NUMBER

R.R.O.2.6.8

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR) ☒ 12-31- 93 (YEAR)
☐ 3-31- (YEAR) ☐ 6-30- (YEAR)

2. PAGE

10 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

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5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.O.O.O.8.1.8.9.0.6

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

Airport Rd. & McDonnell Blvd., St. Louis, MO 63134

7. GENERATOR'S MISSOURI I.D. NUMBER

0.0.1.2.4.8

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	DESCRIPTION OF WASTE	DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Ignitable solvents from painting/metal cleaning	0 8	D 0 0 0 1	D 0 0 0 7	11,880	P	.	S 0 1	T 5 0
			D 0 0 0 8	F 0 0 0 2			.	.	.
2			F 0 0 0 3	F 0 0 0 5			.	.	.
			D 0 0 3 5	.			.	.	.
3	Flammable/chlorinated solvents	0 8	D 0 0 0 1	D 0 0 0 7	4,093	P	.	S 0 1	T 5 0
			D 0 0 4 0	F 0 0 0 2			.	.	.
4			F 0 0 0 3	F 0 0 0 5			.	.	.
		
5	Flammable/chlorinated solvents	0 8	D 0 0 0 1	D 0 0 0 7	4,093	P	.	S 0 1	T 5 0
			D 0 0 0 8	F 0 0 0 2			.	.	.
6			F 0 0 0 3	F 0 0 0 5			.	.	.
		
7	Oil contaminated with chlorinated solvents	1 3	F 0 0 0 1	F 0 0 0 2	979	P	.	S 0 1	T 5 0
			D 0 0 3 9	D 0 0 4 0			.	.	.
8	Oil contaminated with chlorinated solvents	1 3	F 0 0 0 3	F 0 0 0 2	30,841	P	.	S 0 1	T 5 0
			F 0 0 0 5	.			.	.	.

SECTION H - COMMENTS

15.

All lines additional final handling codes: T03



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
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(314) 751-3176

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PART II

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McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI
ID NUMBER

R.R.O.2.6.8

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30- (YEAR)

☒ 12-31-93 (YEAR)

☐ 3-31- (YEAR)

☐ 6-30- (YEAR)

2. PAGE

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3. GENERATOR'S NAME

McDonnell Douglas Corporation

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5. GENERATOR'S U.S. EPA ID NUMBER

M O D O O O 8 1 8 9 0 6

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

Airport Rd. & McDonnell Blvd., St. Louis, MO 63134

7. GENERATOR'S MISSOURI ID NUMBER

0-0-1-2-4-8

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Flammable laboratory chemicals	0 8	D 0 0 0 1	. . .	200	P	.	S'0 1	T'0 3
2	Stripping/cleaning bath from electroplating	1 8	D 0 0 0 3	D 0 0 0 4	144	P	.	S'0 1	T'0 4
3	Waste nickel solution	.	F 0 0 0 7	. . .	2,830	P	.	S'0 1	T'0 4
4	Arsenic/cadmium	0 2	D 0 0 0 4	D 0 0 0 6	500	P	.	S'0 1	T'0 4
5		.	. . .	. . .			.	. . .	. . .
6		.	. . .	. . .			.	. . .	. . .
7		.	. . .	. . .			.	. . .	. . .
8		.	. . .	. . .			.	. . .	. . .

SECTION H - COMMENTS

15.

Line 3 T04: Precipitation, reduction, neutralization, fixation, oxidation, filtration, coagulation, and discharge to POTW.

Other T04: Precipitation, reduction, neutralization, fixation, filtration, coagulation, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
**FACILITY SUMMARY REPORT
PART II**

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M.O.D.0.0.0.8.1.8.9.6.3

FACILITY'S MISSOURI
I.D. NUMBER

R.R.0.2.6.8

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☒ 12-31- 93 (YEAR)
☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

2. PAGE

12 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☐

5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.0.0.0.8.1.8.9.5.5

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

6951 North Hanley Rd., Hazelwood, MO 63042

7. GENERATOR'S MISSOURI I.D. NUMBER

0.0.1.2.4.9

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Debris from aircraft servicing/painting	1.5	D 0 0 7	F 0 0 2	1,380	P	.	S'0 1	T'0 3
			F 0 0 3	F 0 0 5					
2	Oil contaminated with chlorinated solvents	1.3	F 0 0 2	F 0 0 3	490	P	.	S'0 1	T'0 3
			F 0 0 5	.					
3	Alkaline sludge from various process tanks	0.2	D 0 0 2	.	537	P	.	S'0 1	T'0 4
			.	.					
4	Alkaline from derusting of metal parts	0.2	D 0 0 2	D 0 0 8	135	P	.	S'0 1	T'0 4
			.	.					
5	Mold material from die-casting metals	0.2	D 0 0 2	.	360	P	.	S'0 1	T'0 4
			.	.					
6	Tetrahydro-3	.	.	.	225	P	.	S'0 1	T'0 3
			.	.					
7		.	.	.			.	.	.
8		.	.	.			.	.	.

SECTION H - COMMENTS

15

Lines 1 and 2 additional final handling code: T50

T04: Precipitation, reduction, neutralization, fixation, coagulation, filtration, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

FACILITY SUMMARY REPORT
PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND
IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI
I.D. NUMBER

R.R.O.2.6.8

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☒ 12-31-93 (YEAR)
☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

2. PAGE

13 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED
AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE
ON THIS PAGE. ADDITIONAL PAGES NEED TO BE
COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS
PAGE WAS BOTH GENERATED AND MANAGED ON-
SITE - CHECK THIS BOX ☐

5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.O.O.O.8.1.8.9.7.1

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

5775 Campus Pkwy.; Hazelwood, MO 63042

7. GENERATOR'S MISSOURI I.D. NUMBER

0.0.1.2.5.1

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
								INTERIM	FINAL
1	Debris from aircraft servicing/painting	1 5	F-0-0-2	F-0-0-3	2,760	P	.	S 0 1	T 0 3
			F-0-0-5	D-0-0-7					
2	Ignitable solvents from painting/metal cleaning	0 8	F-0-0-3	F-0-0-5	1,200	P	.	S 0 1	T 0 3
			D-0-0-1	D-0-0-7					
3		.	D-0-0-8	F-0-0-2			.	.	.
			D-0-35	.					
4	Oil contaminated with chlorinated solvents	1 3	F-0-0-2	F-0-0-3	4,406	P	.	S 0 1	T 0 3
			F-0-0-5	.					
5		.	.	.			.	.	.
			.	.					
6		.	.	.			.	.	.
			.	.					
7		.	.	.			.	.	.
			.	.					
8		.	.	.			.	.	.
			.	.					

SECTION H - COMMENTS

All lines additional final handling code: T50



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 178
JEFFERSON CITY, MISSOURI 65102
(314) 751-3178
FACILITY SUMMARY REPORT
PART II

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McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI
I.D. NUMBER

R.R.O.2.6.8

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☒ 12-31- 93 (YEAR)
☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

2. PAGE

14 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☐

5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.O.O.O.8.1.8.9.7.1

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

5775 Campus Pkwy., Hazelwood, MO 63042

7. GENERATOR'S MISSOURI I.D. NUMBER

0.0.1.2.5.1

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

LINE	8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER	11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
							INTERIM	FINAL
1	Coolant	.	D 0 9 8 . . .	5,720	P	.	S' 0 1	T' 0 4
2	Water-emulsified cutting oil	.	D 0 9 8 . . .	2,200	P	.	S' 0 1	T' 0 4
3		.	. . . . .			.	. . .	. . .
4		.	. . . . .			.	. . .	. . .
5		.	. . . . .			.	. . .	. . .
6		.	. . . . .			.	. . .	. . .
7		.	. . . . .			.	. . .	. . .
8		.	. . . . .			.	. . .	. . .

SECTION H - COMMENTS

15.

Line 1 T04: Precipitation, reduction, neutralization, fixation, coagulation, filtration, and discharge to POTW.

Line 2 T04: Recycling

Line 2 additional final handling code: T50



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
**FACILITY SUMMARY REPORT
PART II**

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA
ID NUMBER

M 0 D 0 0 0 8 1 8 9 6 3

FACILITY'S MISSOURI
I.D. NUMBER

R . R . 0 . 2 . 6 . 8

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-____ (YEAR) ☒ 12-31-93 (YEAR)
☐ 3-31-____ (YEAR) ☐ 6-30-____ (YEAR)

2. PAGE

15 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

3. GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☐

5. GENERATOR'S U.S. EPA I.D. NUMBER

M-0-D-0-0-0-8-1-8-9-4-8

6. GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

Second & Morgan Streets, St. Charles, MO 63301

7. GENERATOR'S MISSOURI I.D. NUMBER

0-0-1-2-5-3

SECTION G - WASTE IDENTIFICATION

(SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

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								INTERIM	FINAL
1	Debris from aircraft servicing/painting	1.5	D 0.0.7	F 0.0.2	6,210	P	.	S'0 1	T'0 3
			F 0.0.3	F 0.0.5					
2	Acid from chemical conversion coating	0.2	D 0.0.2	D 0.0.7	42	P	.	S'0 1	T'0 4
			.	.					
3	Flammable/chlorinated solvents	0.8	D 0.0.1	D 0.0.7	47	P	.	S'0 1	T'0 3
			D 0.0.8	F 0.0.3					
4		.	F 0.0.2	F 0.0.5			.	.	.
		
5	Oil contaminated with chlorinated solvents	1.3	F 0.0.1	F 0.0.2	490	P	.	S'0 1	T'0 3
			D 0.3.9	D 0.4.0					
6	Water-emulsified cutting oil	.	D 0.9.8	.	880	P	.	S'0 1	T'0 4
		
7	
		
8	
		

SECTION H - COMMENTS

15

Lines 1,3,5,6 additional final handling code: T50

Line 2 T04: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.

Line 6 T04: Recycling



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
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**FACILITY SUMMARY REPORT
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McDonnell Douglas Corporation

FACILITY'S EPA
I.D. NUMBER

M.O.D.0.0.0.8.1.8.9.6.3

FACILITY'S MISSOURI
I.D. NUMBER

R.R.0.2.6.8

1994

NOTE ► PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE

SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)

1. FOR THE PERIOD ENDING (CHECK ONE & FILL IN YEAR)

☐ 9-30-___ (YEAR) ☒ 12-31- 94 (YEAR)

☐ 3-31-___ (YEAR) ☐ 6-30-___ (YEAR)

2. PAGE

16 OF 17

NOTE: SUMMARIZE THE AMOUNT OF WASTE RECEIVED AND HOW IT WAS HANDLED FROM AN INDIVIDUAL SOURCE ON THIS PAGE. ADDITIONAL PAGES NEED TO BE COMPLETED FOR EACH INDIVIDUAL SOURCE.

SECTION F - GENERATOR IDENTIFICATION (LIST THE SOURCE OF THE WASTE LISTED ON THIS PAGE)

GENERATOR'S NAME

McDonnell Douglas Corporation

4. IMPORTANT: IF THE WASTE IDENTIFIED ON THIS PAGE WAS BOTH GENERATED AND MANAGED ON-SITE - CHECK THIS BOX ☐

5. GENERATOR'S U.S. EPA I.D. NUMBER

M.O.D.9.8.0.9.6.8.4.5.7

GENERATOR'S ADDRESS

CITY

STATE

ZIP CODE

8900 Frost, Berkeley, MO 63134

7. GENERATOR'S MISSOURI I.D. NUMBER

0.0.4.2.1.7

SECTION G - WASTE IDENTIFICATION

SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)

8. DESCRIPTION OF WASTE	9. DOT HAZARD CODE	10. EPA HAZARDOUS WASTE NUMBER		11. TOTAL AMOUNT OF WASTE	12. UNIT OF MEAS.	13. SPECIFIC GRAVITY	14. HANDLING CODE	
							INTERIM	FINAL
Oil contaminated with chlorinated solvents	1 3	F 0 0 2	F 0 0 3	4,895	P	.	S 0 1	T 0 3
Debris from aircraft servicing/painting	1 5	D 0 0 7	F 0 0 2	2,070	P	.	S 0 1	T 0 3
Sulfuric acid with iron/nickel/cobalt	0 2	D 0 0 2	D 0 0 7	5,841	P	.	S 0 1	T 0 4
Alkaline cleaning solution	0 2	D 0 0 2	D 0 0 7	1,485	P	.	S 0 1	T 0 4
Flammable/chlorinated solvents	0 8	D 0 0 1	D 0 0 7	2,559	P	.	S 0 1	T 0 3
		D 0 0 8	F 0 0 2			.		
		F 0 0 3	F 0 0 5			.		
Corrosive laboratory chemicals	0 2	D 0 0 2	.	2,075	P	.	S 0 1	T 0 3
Ignitable solvents from painting/metal cleaning	0 8	D001/B007/D008/ F002/F003/F005/D035		1,760	P	.	S 0 1	T 0 3

SECTION H - COMMENTS

Lines 1,2,5,8 additional final handling code: T50

T04; Precipitation, reduction, neutralization, fixation, coagulation, filtration, and discharge to POTW.

sol inven-yr-end

SOLVENT EMISSIONS REPORT, DEPT. 151, CHEM-MILL MASK LINE

Year 1993

DATE: 22-Dec-93

Signature:

Bruce M. Stuyt

I. Maskant Usage

Maskant Deliveries (gallons):

Dates:

6-Apr-93	3150
9-Aug-93	3150
22-Nov-93	3150
Total	9450

Mask Inventory:	
Total Full Liqua-bins last yr:	13
Total Full Liqua-bins this yr:	11

Maskant Usage (Gallons) = Deliveries + (bins last report - bins this report)(350)

[1] Mask Usage this report =	10150 gallons
[2] Solvent content of mask =	7003.5 gallons

II. Solvent Added to Maskant

Mask Dilution

Present Meter Reading:	5215
Previous Meter Reading:	5215
[3] Total Added =	0

Viscosity Control

Present Meter Reading:	233915
Previous Meter Reading:	222039
[4] Total Added =	11876

III. Solvent in Bulk Storage Tank

Present Meter Reading:	285
Previous Meter Reading:	205
[5] Net Change =	80

IV. Solvent Drummed for Resale

Present Meter Reading:	104870
Previous Meter Reading:	98498
[6] Total Drummed =	6372

V. Total Mask and Solvent Applied = [1] + [3] + [4] = [7] =

VI. Total Solvent Added to System = [2] + [3] + [4] = [8] =

[8] * (13.47 lbs/gal) = [9] =

VII. Total Solvent Recovered = [6] + [3] + [4] + [5] = [10] =

[10] * (13.47 lbs/gal) = [11]

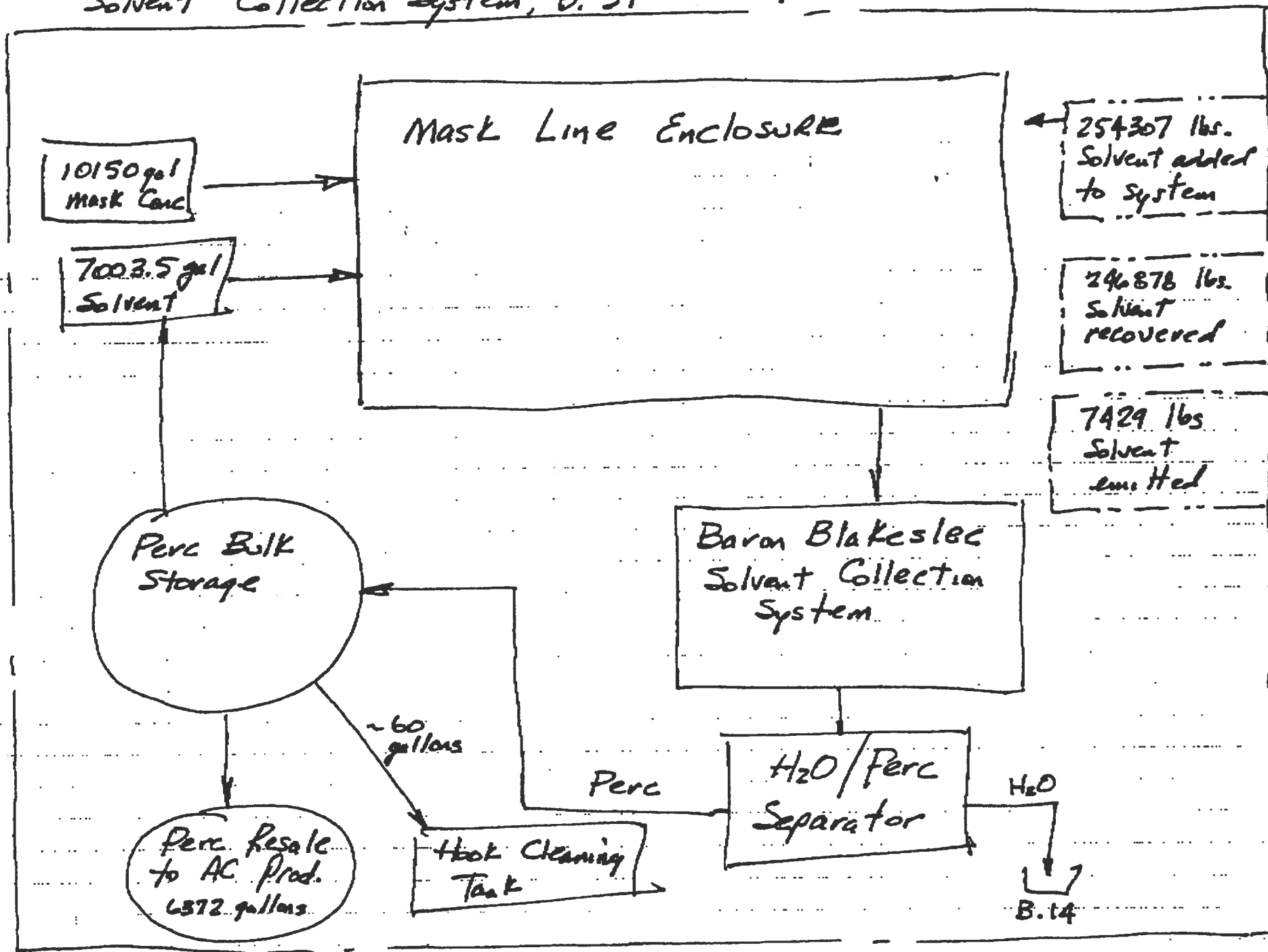
22026	gallons
18879.5	gallons
254306.865	lbs. solvent
18328	gallons
246878.16	lbs. solvent recovered

VIII. Overall Recovery Efficiency = ([10]/[8])*[100] =

97%

IX. Weight of Solvent/Volume of Mask Applied = ([9]/[11])/[7] =

0.94
lbs. solvent emitted/ gallon mask applied



St. Louis Co (HW)
McDonnell Douglas Aerospace (Truck I)

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

McL Canahan, Governor • David A. Shorr, Director

DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

NOV 15 1993

November 10, 1993

Mr. Joe Haake
McDonnell Douglas Aerospace
Environmental and Hazardous Materials Services
Dept. 064C, Mail Code 1003377
P.O. Box 516
St. Louis, MO 63166-0516

Route
ADMU
NOV 15 1993
NOV 15 1993
NOV 15 1993

Dear Mr. Haake:

In the enclosed copy of your letter, you ask whether containers of contaminated rags should be managed as satellite storage containers. In the interpretation of the Missouri Department of Natural Resources (MDNR), the regulations require the management of such containers as satellite storage areas.

Please feel free to contact the MDNR with any questions concerning interpretation of hazardous waste management regulations.

Sincerely,

HAZARDOUS WASTE PROGRAM



Tom Judge
Environmental Specialist
Enforcement Section

TJ/drs

Enclosure

c: St. Louis Regional Office ✓

NOV 15 1993

Route
ADMU
NOV 15 1993

MCDONNELL DOUGLAS

McDonnell Douglas Aerospace

064C-2933
File 1/1

02 September 1993

RECEIVED
SEP 5 1993

HAZARDOUS WASTE PROGRAM
MISSOURI DEPARTMENT OF
NATURAL RESOURCES

Mr. Bruce Martin
Missouri Department of Natural Resources
Hazardous Waste Program
P.O. Box 176
Jefferson City, Missouri 65102

Dear Mr. Martin:

At the McDonnell Douglas facilities, rags and debris contaminated with paint and solvent are collected in 5, 10, 20, and 30 gallon containers located at work stations throughout the plant. The waste collected in these containers is placed into 1 and 2 cubic yard accumulation containers at the end of each work shift.

During a MDNR hazardous waste compliance inspection of our Tract IV facility in 1991, the inspector considered these small containers satellite accumulation containers that must be marked with the start date of waste accumulation. Because we use hundreds of these small collection containers, it is impossible to ensure proper dating.

During a recent MDNR inspection of our Tract I facility, another inspector indicated that the small collection containers are not considered satellite accumulation containers and need not be marked with accumulation start dates.

Please provide us with the Hazardous Waste Program position on small collection containers. Your immediate response will be appreciated.

Sincerely,



Joe Haake, Group Manager
Environmental and Hazardous Materials Services
Dept. 064C, Mail Code 1003377
314-232-3319

JH:dsq

EC: Joe Trunko, MDNR - SLRO